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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/568,690	Gagik Barkhordarian	3057241855

INTERNATIONAL APPLICATION NO.

PCT/DE04/01804

I.A. FILING DATE	PRIORITY DATE
------------------	---------------

08/12/2004

08/19/2003

04743

MARSHALL, GERSTEIN & BORUN
 233 S. WACKER DRIVE, SUITE 6300
 SEARS TOWER
 CHICAGO, IL 60606

RECEIVED

OCT 10 2006

MARSHALL GERSTEIN

CONFIRMATION NO. 2789

371 FORMALITIES LETTER



OC000000018733773

Date Mailed: 09/29/2006

Docketed: 11/29/06

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/17/2006
- English Translation of the IA filed on 02/17/2006
- Copy of the International Search Report filed on 02/17/2006
- Copy of IPE Report filed on 02/17/2006
- Copy of Annexes to the IPER filed on 02/17/2006
- Preliminary Amendments filed on 02/17/2006
- Information Disclosure Statements filed on 02/17/2006
- U.S. Basic National Fees filed on 02/17/2006
- Priority Documents filed on 02/17/2006
- Specification filed on 02/17/2006
- Claims filed on 02/17/2006
- Abstracts filed on 02/17/2006
- Drawings filed on 02/17/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$350** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$480** for a Large Entity:

- **\$130** Surcharge.
- Total additional claim fee(s) for this application is **\$ 350**
 - **\$350** for **7** total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

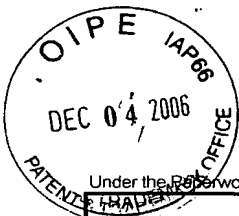
*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/568,690	PCT/DE04/01804	3057241855



LAP13 Rec'd PCT/PTO 04 DEC 2006

PCT \$

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

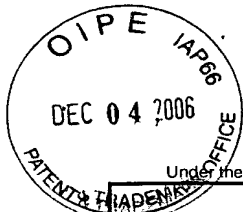
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/568,690-Conf. #2789
		Filing Date	February 17, 2006
		First Named Inventor	Gagik Barkhordarian
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	30572/41855

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Part 2 Copy of Notice Declaration
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MARSHALL, GERSTEIN & BORUN LLP		
Signature			
Printed name	James J. Napoli		
Date	November 29, 2006	Reg. No.	32,361

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: November 29, 2006	Signature (James J. Napoli)



Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL For FY 2006		Complete if Known	
		Application Number	10/568,690-Conf. #2789
		Filing Date	February 17, 2006
		First Named Inventor	Gagik Barkhordarian
		Examiner Name	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Art Unit	Not Yet Assigned	
TOTAL AMOUNT OF PAYMENT	(\$) 480.00	Attorney Docket No.	30572/41855

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: 13-2855 Deposit Account Name: MARSHALL, GERSTEIN & BORUN LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
27	- 20 = 7	x 50.00 =	350.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
1	- 3 =	x	

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/50 (round up to a whole number) x		

4. OTHER FEE(S)

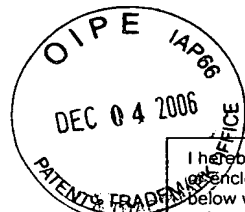
	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 1051 Surcharge-Late oath or declaration	130.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	32,361
Name (Print/Type)	James J. Napoli	Telephone	(312) 474-6300
		Date	November 29, 2006

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: November 29, 2006

Signature: (James J. Napoli)



I hereby certify that this paper (along with any paper referred to as being attached
enclosed) is being deposited with the U.S. Postal Service on the date shown
below with sufficient postage as First Class Mail, in an envelope addressed to:
MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22313-1450.

Dated: November 29, 2006 Signature: James J. Napoli
(James J. Napoli)

Docket No.: 30572/41855
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gagik Barkhordarian et al.

Application No.: 10/568,690

Confirmation No.: 2789

Filed: February 17, 2006

Art Unit: Not Yet Assigned

For: Metalliferous, Hydrogen-Storing Material and
Process for its Production

Examiner: Not Yet Assigned

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements mailed
September 29, 2006, Applicant respectfully submits a Declaration and Part 2 Copy of Notice.

Our check in the amount of \$480.00 covering the fees set forth in 37 CFR
1.16(f) and 1.16(i) is enclosed. The Director is hereby authorized to charge any deficiency in
the fees filed, asserted to be filed or which should have been filed herewith (or with any paper

12/08/2006 MKAYPAGH 00000045 10568690

01 FC:1617	130.00 OP
02 FC:1615	350.00 OP

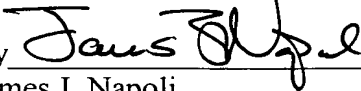
Application No.: 10/568,690

Docket No.: 30572/41855

hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30572/41855. A duplicate copy of this paper is enclosed.

Dated: November 29, 2006

Respectfully submitted,

By 

James J. Napoli

Registration No.: 32,361

MARSHALL, GERSTEIN & BORUN LLP

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Attorney for Applicant